

Appl. No. 09/803,256
Response dated Nov. 25, 2005
Reply to Office Action of July 25, 2005
Docket No. 6169-181

IBM Docket No. BOC9-2000-0040

link a retrieved application configured for execution in said wireless device or by executing a retrieved application in said kiosk.

2. (Original) The method of claim 1, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:
establishing a BLUETOOTH-based communications link with said wireless device.

3. (Previously Presented) The method of claim 1, wherein said kiosk was a single purpose kiosk before said retrofitting step, and wherein the kiosk has at least two purposes after the retrofitting step, one of the two purposes being said new purpose and another of the two purposes being an original purpose of the kiosk.

4. (Original) The method of claim 1, wherein said existing physical communications link medium is selected from the group consisting of a telephone network communications link and a data communications link.

5. (Original) The method of claim 1, wherein said step of retrieving specified electronic services over said existing communications network comprises retrieving electronic messages from an electronic mail server communicatively linked to said kiosk over said existing physical communications link medium.

6. (Original) The method of claim 1, wherein said step of retrieving specified electronic services over said existing physical communications link medium comprises retrieving an application from an application service provider (ASP) communicatively linked to said kiosk over said existing physical communications link medium.

Appl. No. 09/803,256
Response dated Nov. 25, 2005
Reply to Office Action of July 25, 2005
Docket No. 6169-181

IBM Docket No. BOC9-2000-0040

7. (Previously Presented) The method of claim 1, wherein said delivering step further comprises:

said kiosk delivering electronic mail to an electronic mail client in said wireless device.

8. (Previously Presented) The method of claim 6, wherein said retrieved application is retained within and remains executable by the wireless device even after said wireless device is disconnected from said PAN.

9. (Previously Presented) The method of claim 8, further comprising:
presenting within the wireless device a plurality of applications;
said kiosk receiving a user-selection of one of the presented applications;
determining if said user-selected applications wholly reside in said kiosk; and,
if it is determined that said user-selected applications wholly reside in said kiosk, delivering said user-selected applications to said wireless device in said PAN without retrieving said user-selected applications over said existing physical communications link medium.

10. (Previously Presented) The method of claim 9, further comprising:
determining if components of said user-selected applications reside in said kiosk;
and,
delivering said components determined to reside in said kiosk to said wireless device while retrieving components not residing in said kiosk over said existing physical communications link medium.

11. (Original) The method of claim 1, wherein said step of delivering said retrieved specified electronic services to said wireless device in said PAN over said short-range

Appl. No. 09/803,256
Response dated Nov. 25, 2005
Reply to Office Action of July 25, 2005
Docket No. 6169-181

IBM Docket No. BOC9-2000-0040

radio communications link comprises delivering retrieved components of said specified electronic services to said wireless device while retrieving remaining components of said specified electronic services.

12. (Currently Amended) A kiosk for distributing electronic services to wireless devices in a PAN comprising:

a retrofitted, publicly located, and fixed positioned kiosk including a wireless transceiver configured to communicate with a communications network over an existing physical communications link medium, wherein before being retrofitted, said kiosk was previously configured to communicate over the existing physical communication link medium, and wherein before being retrofitted, said kiosk lacked wireless communication capabilities, said kiosk maintaining a list of available applications for performing electronic services ~~provided by the kiosk~~, wherein a portion of the available ~~services~~ applications are stored locally within the kiosk, and wherein a different portion of the available ~~services~~ applications are retrievable by the kiosk from an application service provider via the physical communications link;

a network communications client for communicating with servers in said communications network; and

a short-range radio communications system for communicating with wireless devices in the PAN, wherein the kiosk provides the wireless devices with selected ones of the available services by conveying over a short-range radio communications link the retrieved applications for execution in the wireless devices or by executing the retrieved applications in the kiosk.

13. (Original) The kiosk of claim 12, wherein said short-range radio communications system comprises:

Appl. No. 09/803,256
Response dated Nov. 25, 2005
Reply to Office Action of July 25, 2005
Docket No. 6169-181

IBM Docket No. BOC9-2000-0040

a short-range radio communications system configured in accordance with BLUETOOTH specifications.

14. (Previously Presented) The kiosk of claim 12, wherein said kiosk is a public telephone.

15. (Original) The kiosk of claim 12, wherein said physical communications link medium is selected from the group consisting of a telephone network communications link and a data communications link.

16. (Original) The kiosk of claim 12, wherein said server is an application server.

17. (Original) The kiosk of claim 12, wherein said communications network is an Internet.

18. (Currently Amended) A method for delivering electronic services in a personal area network (PAN) comprising:

retrofitting an existing, publicly-located, and fixed positioned kiosk with a wireless transceiver, wherein said kiosk previously lacked wireless communication capabilities, yet wherein said kiosk was previously configured to communicate over an existing physical communications link medium,

configuring said kiosk to deliver applications for performing electronic services over short-range radio communications links to wireless devices in a personal area network (PAN), said existing kiosk also configured to communicate over said existing physical communications link medium to access Internet data;

maintaining a list of available applications for performing electronic services provided by the kiosk, wherein a portion of the available ~~services~~ applications are stored

Appl. No. 09/803,256
Response dated Nov. 25, 2005
Reply to Office Action of July 25, 2005
Docket No. 6169-181

IBM Docket No. BOC9-2000-0040

locally within the kiosk, and wherein a different portion of the available services applications are retrievable by the kiosk from an application service provider via the physical communications link;

establishing a PAN in a publicly traversable area;

receiving a request for particular ones of the available electronic services from the wireless device;

selectably retrieving electronic services through said existing physical communications link medium into said kiosk; and,

delivering requested electronic services to wireless devices in said PAN by conveying over said short-range radio communications link applications configured to perform electronic services by executing in said wireless device or in said kiosk, wherein said delivered requested electronic services comprise said locally stored electronic services and said retrieved electronic services.

19. (Original) The method of claim 18, wherein said step of establishing a PAN in said publicly traversable area comprises:

establishing a BLUETOOTH-based PAN with wireless devices in said publicly traversable area.

20. (Previously Presented) The method of claim 18, wherein said step of retrofitting the kiosk comprises retrofitting said kiosk so that the kiosk retains its original purpose while also performing said new purpose; and,

and wherein the step of configuring said kiosk comprises activating said retrofitted kiosk in said publicly traversable area.

21. (Previously Presented) The method of claim 1, wherein the kiosk functions as a wireless access point for accessing an Internet.

Appl. No. 09/803,256
Response dated Nov. 25, 2005
Reply to Office Action of July 25, 2005
Docket No. 6169-181

IBM Docket No. BOC9-2000-0040

22. (Previously Presented) The kiosk of claim 12, wherein the kiosk functions as a wireless access point for accessing an Internet.

23. (Previously Presented) The method of claim 18, wherein the kiosk functions as a wireless access point for accessing an Internet.

24. (Cancelled)

25. (Previously Presented) The method of claim 24, wherein the wireless device includes input/output components configured as a user-interface for purposes related to the electronic services.

26. (Previously Presented) The method of claim 1, wherein the existing, single-purpose, publicly-located, and fixed positioned kiosk is selected from the group consisting of a payphone, a ticket counter, and a gasoline station island.

27. (Previously Presented) The kiosk of claim 12, wherein said kiosk is a gas station island.

28. (Previously Presented) The kiosk of claim 12, wherein said kiosk is a ticketing booth.

29. (Previously Presented) The kiosk of claim 12, wherein said kiosk is a toll booth.

Appl. No. 09/803,256
Response dated Nov. 25, 2005
Reply to Office Action of July 25, 2005
Docket No. 6169-181

IBM Docket No. BOC9-2000-0040

30. (New) A method for providing electronic services to a wireless device, the method comprising:

configuring a kiosk to provide electronic services over short-range radio communications links to wireless devices in a personal area network (PAN), said kiosk also being configured to communicate over a physical communications link;

establishing a short-range radio communications link with a wireless device in said PAN;

retrieving selected applications for performing the requested electronic services over said existing physical communications link medium; and,

delivering a capability for performing said requested electronic services to said wireless device in said PAN by conveying over said short-range radio communications link a retrieved application configured for execution in said wireless device.